

CHANGES IN THE NAMES OF BRITISH MICROLEPIDOPTERA

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Abstract

Changes in the list of British microlepidoptera since 2000 are given. These comprise 17 species where research into type material or early literature has led to a change in the specific name. Additions to the British fauna are also listed. These are made up of 14 species newly discovered in Britain, six adventive species and species added on account of species splits or changes of status to specific rank. Four further additional taxa are mentioned which have been reported in the literature, but which require further research before formal addition to the checklist.

Introduction

It is now five years since the publication of Bradley (2000), the latest British checklist, and there have been a number of changes and additions. Since this list with its numbers assigned to each species is widely used, it seems worthwhile keeping it up to date.

Firstly we deal with the changes. Nobody likes changes in names and Bradley himself often resisted them. There are a number of names which were regarded as *nomina dubia* since it could not be ascertained with certainty to which species they belonged and there is no type specimen to decide the issue. A number of these are attributed to Goeze (1783) whose book assigned names to descriptions made by others before the Linnean system was adopted. Some of these have been brought into use by Continental authors and once they are in circulation, and there has been no confusion about the species they are associated with, it is difficult to suppress them, especially if this happened before the 4th edition of the ICZN Code (2000).

In order to fall into line with Continental lists they are here accepted. Other changes come about if misidentifications of early material are discovered, or senior names come to light. The changes in Blastobasidae will probably be unwelcome since these species have become so familiar in Britain. It is regrettable that the recently added species cited in Emmet & Langmaid (2002) as *wolffi*, with the express consent of the authors, has now a different name and *wolffi* is used for a different species.

We also list additions of which we are aware, but have kept adventive species separate from those which have arrived from Europe by migration or range extension. It is too early to guess which of these might become resident.

Name changes

No.	Name and synonymy	Notes & references
175	<i>Narycia duplicella</i> (Goeze, 1783) = <i>monilifera</i> (Geoffroy, 1785)	Karsholt & Razowski, 1996: 302

- 180 *Diplodoma laichartingella* (Goeze, 1783)
= *herminata* (Geoffroy, 1785) Karsholt & Razowski, 1996: 302
- 182 *Bankesia conspurcatella* (Zeller, 1850)
= *douglasii* auctt. Agassiz & Langmaid, 2005
- 183 *Bacotia claustrrella* (Bruand, 1845)
= *sepium* (Speyer, 1846) Karsholt & Razowski, 1996: 302
- 343 *Phyllonorycter esperella* Goeze, 1783
= *quinnata* (Geoffroy, 1785) Schnack, 1985: 27
- 441 *Paraswammerdamia nebulella* (Goeze, 1783)
= *lutarea* (Haworth, 1828) Karsholt & Nielsen, 1998: 115
- 564 *Coleophora virgaureae* Stainton, 1857
= *obsconella* Herrich-Schäffer, 1855 Baldizzone & Tabell, 2002
- 617 *Elachista obliquella* Stainton, 1854
= *megerlella* auctt. Kaslov & Kaila, 2001: 3-10
- 672 *Depressaria heraclei* Retzius, 1783
= *pastinacella* (Duponchel, 1838) www.faunaeur.org
- 873 *Blastobasis adustella* Walsingham, 1894
= *lignea* Walsingham, 1894 Karsholt & Sinev, 2004: 421-423
- 874 *Blastobasis laticolella* Rebel, 1940
= *decolorella* (Wollaston, 1858) Karsholt & Sinev, 2004: 404-406
- 875a *Blastobasis rebeli* Karsholt & Sinev, 2004
= *wolffi* auctt. Karsholt & Sinev, 2004: 427-428
- 1075 *Phiaris micana* (Denis & Schiffermüller, 1775)
= *olivana* (Treitschke, 1830) Karsholt & Razowski, 1996: 315
- 1119 *Eucosma rubescana* (Constant(i), 1895)
= *catoptrana* (Rebel, 1903) Karsholt & Nielsen, 1998: 102
- 1255 *Cydia ulicetana* (Haworth, 1811)*
= *succedana* auctt. Razowski, 2003
- 1284 *Dichrorampha vancouverana* McDunnough, 1935
= *gueneeana* Obraztsov, 1953 Miller, 1999: 74
- 1369 *Uresiphita gilvata* (Fabricius, 1794)
= *polygonalis* auct. Karsholt & Razowski, 1996: 326

*The identity of *Cydia succedana* (Denis & Schiffermüller) is uncertain, but in Razowski (2003) the name has been used for a different species, therefore we use *ulicetana* (Haworth) which is certainly applicable to the species found in Britain.

Additions

- 24a *Ectoedemia hannoverella* (Glitz, 1872) Prichard & Clifton, 2004
- 36a *Ectoedemia heringella* (Mariani, 1939) Honey & van Nieukerken, in press
- 203a *Infurcitinea captans* (Gozmany, 1960) Heckford, 2004
- 311a *Dialectica scalariella* (Zeller, 1850) Agassiz, 2005
- 366a *Cameraria ohridella* Deschka & Dimic, 1986 Honey, in press
- 601a *Elachista nobilella* Zeller, 1839 Collins & Porter, 2005
- 642a *Metalampra italica* Baldizzone, 1977 Beaumont, 2004

847a	<i>Syncopacma albifrontella</i> (Heinemann, 1870)	Heckford, 2002
875a	<i>Blastobasis rebeli</i> Karsholt & Sinev, 2004	Dickson, 2004
896b	<i>Cosmopterix pulchrimella</i> Chambers, 1875	Parsons, 2003
898a	<i>Pyroderces argyrogrammos</i> (Zeller, 1847) -	Sterling <i>et al.</i> , 2004. (Channel Isles only)
990a	<i>Dichelia histrionana</i> (Frölich, 1828)	Sterling & Ashby in prep.
1454b	<i>Dioryctria sylvestrella</i> (Ratzeburg, 1840)	Parsons & Radford, 2002
1466a	<i>Anyclosis cinnamomella</i> (Duponchel, 1836)	Sterling, in prep.

Adventive species

449a	<i>Prays citri</i> Millière, 1873	Langmaid & Young, 2001: 246
877a	<i>Stathmopoda diplaspis</i> Meyrick, 1887	Heckford, 2003
897a	<i>Anatrachyntis badia</i> (Hodges, 1962)	Heckford & Sterling, 2004
897b	<i>Anatrachyntis simplex</i> (Walsingham, 1891)	Heckford, 2004
1397a	<i>Diplopseustis perieresalis</i> (Walker, 1859)	Mackay & Fray, 2002
1402a	<i>Diasemia accalis</i> (Walker, 1859)	Agassiz, 2004

Changes of status and species splits

257 *Leucoptera orobi* (Stainton, 1870) is restored to full specific status. (Kaila & Wikström, 2004).

593 is comprised of three species (Kaila & Langmaid, in press.):

593 *Elachista regificella* Sircom, 1849

593a *Elachista geminatella* (Herrich-Schäffer, 1855)

593b *Elachista tengstromi*, Kaila *et al.* 2001.

1062 is comprised of two species (Karsholt *et al.* in press):

1062 *Acleris emargana* (Fabricius, 1775)

1062a *Acleris effractana* (Hübner, 1799)

1200 is comprised of three species (Agassiz & Langmaid, 2004):

1200 *Eucosma hohenwartiana* (Denis & Schiffermüller, 1775)

1200a *Eucosma parvulana* (Wilkinson, 1859)

1200b *Eucosma fulvana* (Stephens, 1834).

Further possible additions requiring confirmation

Arenberger (2005) gives data for the following additional taxa from the British Isles:

Stenoptilia gallobritannidactyla Gibeaux, 1985

Stenoptilia plagiodactylus (Stainton, 1851)

Stenoptilia scabiodactylus (Gregson, 1869)

Stenoptilia serotinus (Zeller, 1852).

Although it is likely that *S. bipunctidactyla* (Scopoli) may comprise a group of species we are not including these, nor assigning numbers to them, until further research has been carried out which makes the differences clear.

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Two new records of microlepidoptera from Bedfordshire – *Caloptilia falconipennella* (Hb.) and *Eucosma tripoliana* (Barrett), and the confirmation of one from a hundred years ago

The Rothamsted Insect Survey trap at Cockayne Hatley (near Pottton, Bedfordshire; O. S. grid reference TL 2549) has operated daily since 1976, and 2004 was the eleventh successive year in which all the microlepidoptera have been identified and counted. During this period twenty-four species of microlepidoptera from this trap have been added to the County list.

The two following species are new records for Vice County 30 (Bedfordshire) during 2004.

Caloptilia falconipennella (Hb.). Single moths were recorded in the weeks commencing 23 April and 19 November 2004. Both were males, identified by genitalia examination. These records are the first for this alder-feeding species in the Midlands / East Anglia.

Eucosma tripoliana (Barrett). A single specimen of this coastal salt marsh species was recorded in the week commencing 6 August, confirmed by genitalia examination.

In addition, one specimen of *Cnephasia communana* (H.- S.), caught in the week commencing 4 June 2004, was identified by genitalia examination. This is the first record in Bedfordshire since the *Victoria County History* (Barrett, 1904. *Lepidoptera*. In Doubleday, H.A. & Page, W. (Eds.) *The Victoria History of the County of Bedford*. Constable, Westminster).— DAVID V. MANNING, 27 Glebe Rise, Sharnbrook, Bedford MK44 1JB & IAN P. WOIWOD, Rothamsted Research, Harpenden, Hertfordshire AL5 2JQ.